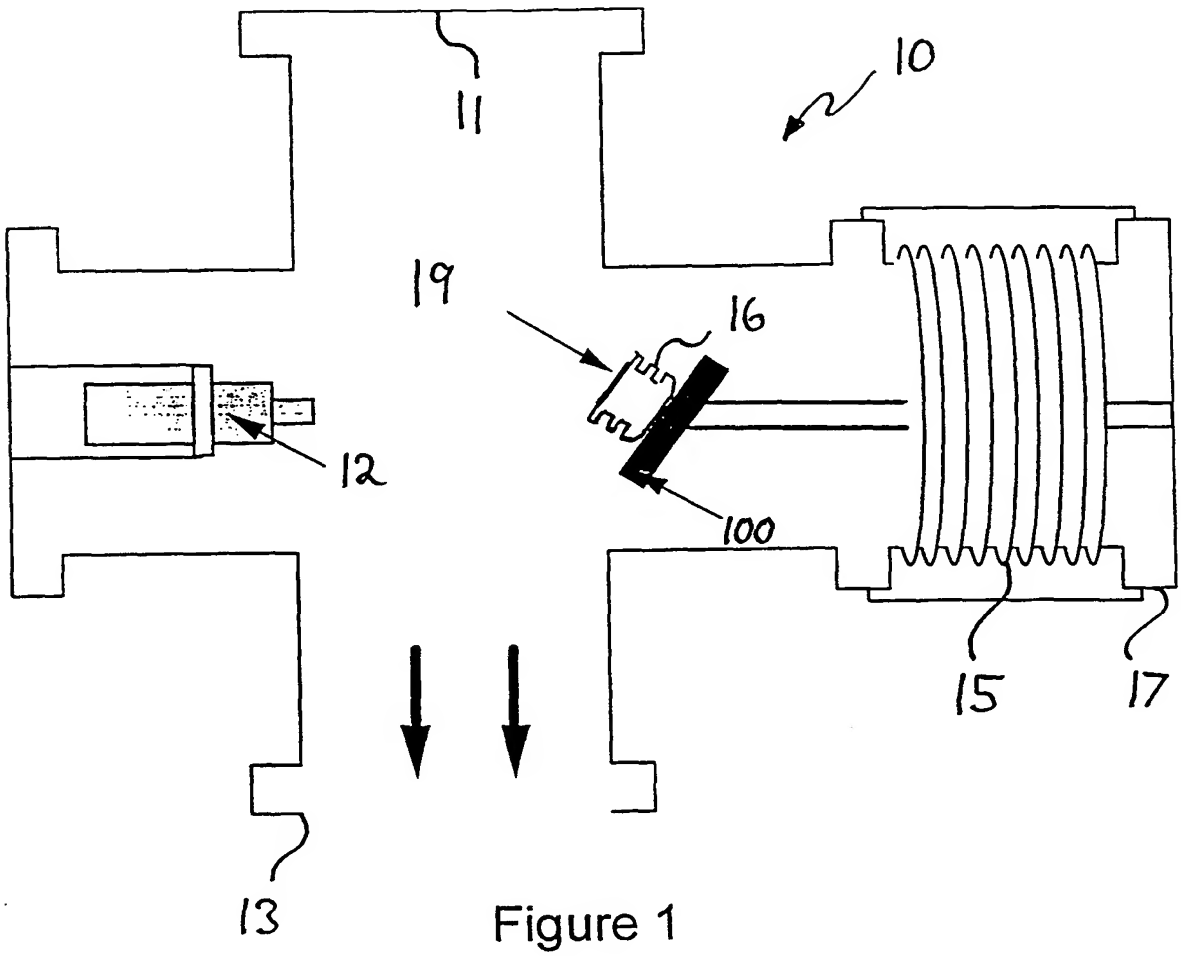


Figure 1

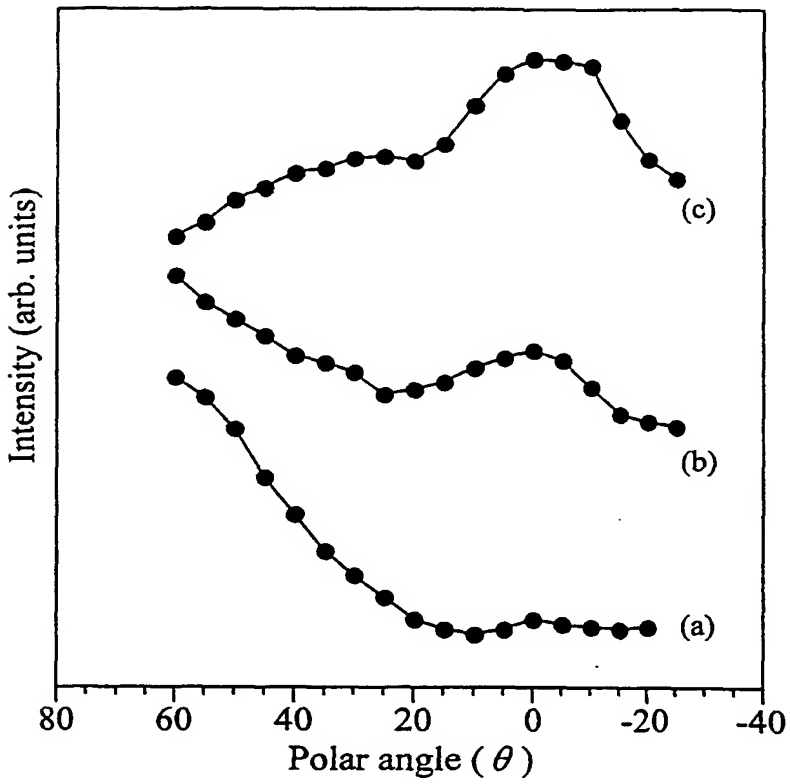


Figure 2

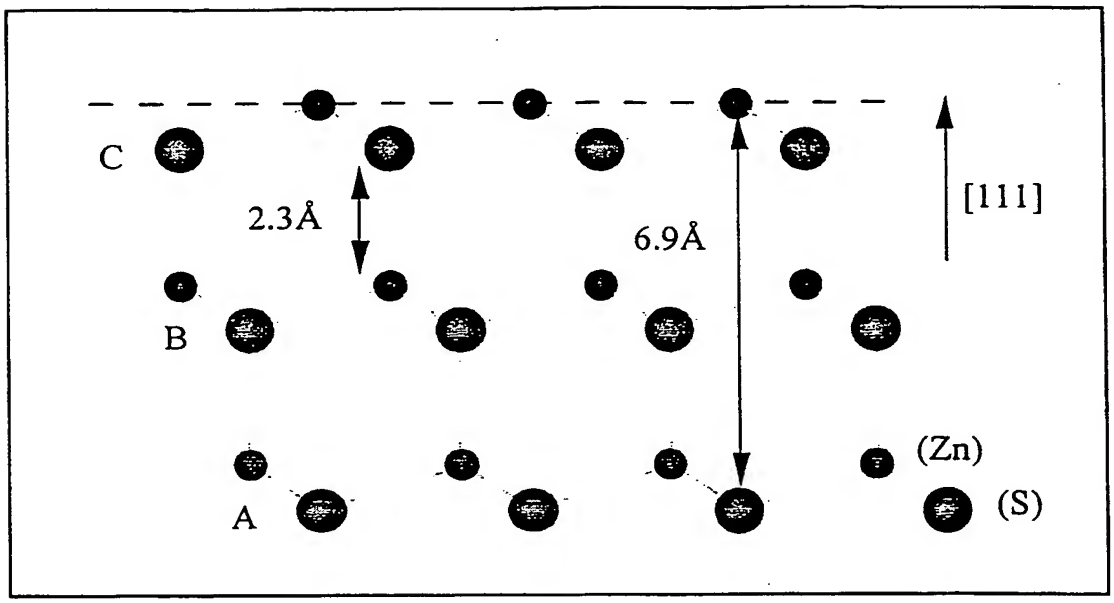


Figure 3

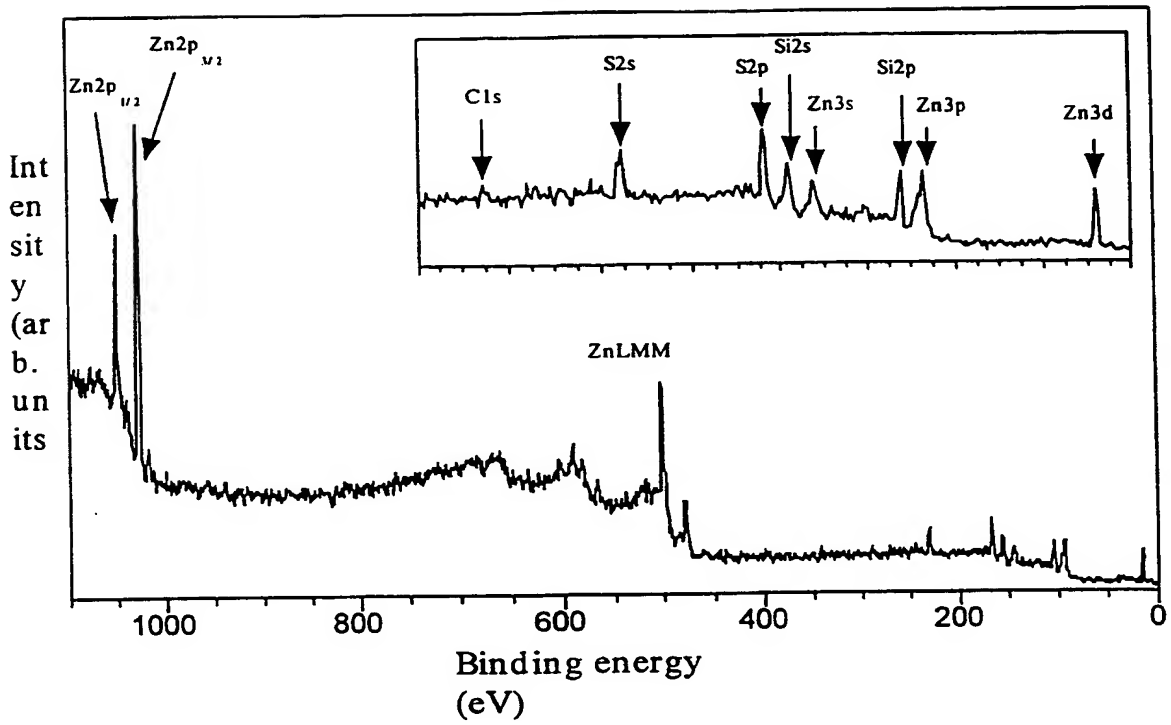

Zn2p 1/2
Zn2p 3/2
C1s
S2s
S2p
Si2s
Zn3s
Si2p
Zn3p
Zn3d
ZnLMM
Intensity (arb. units
1000
800
600
400
200
0
Binding energy (eV)

Figure 4

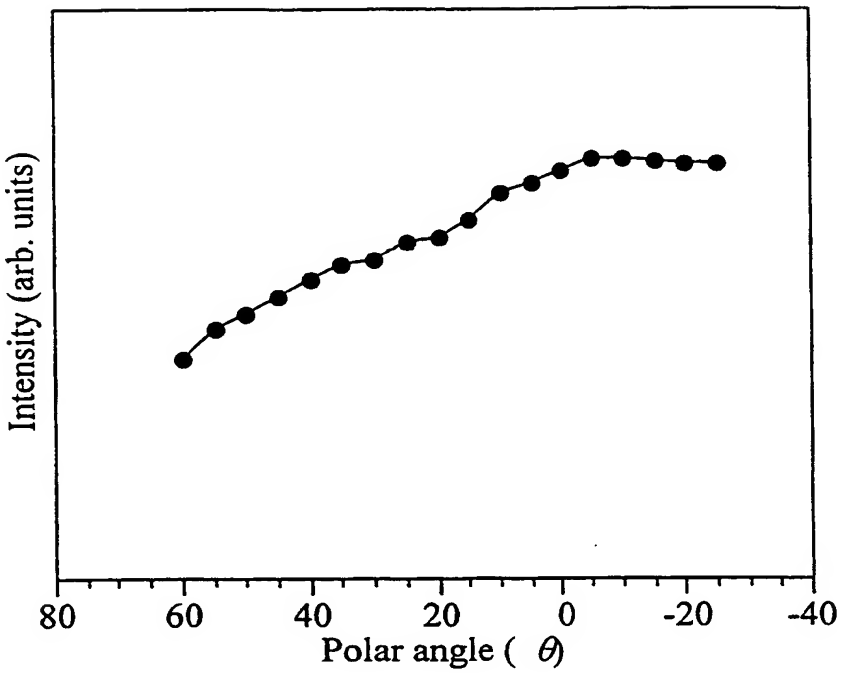
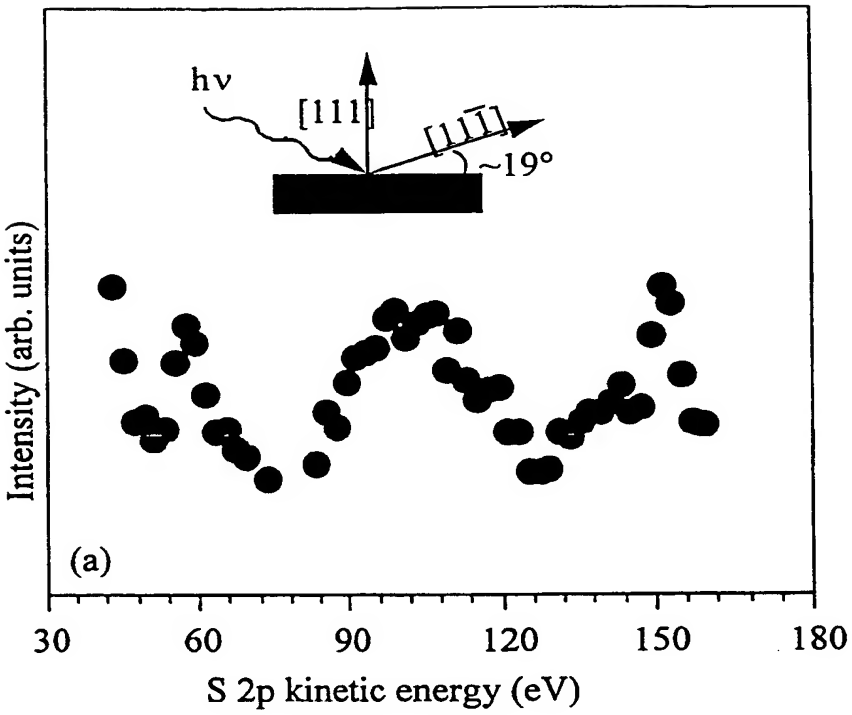


Figure 5



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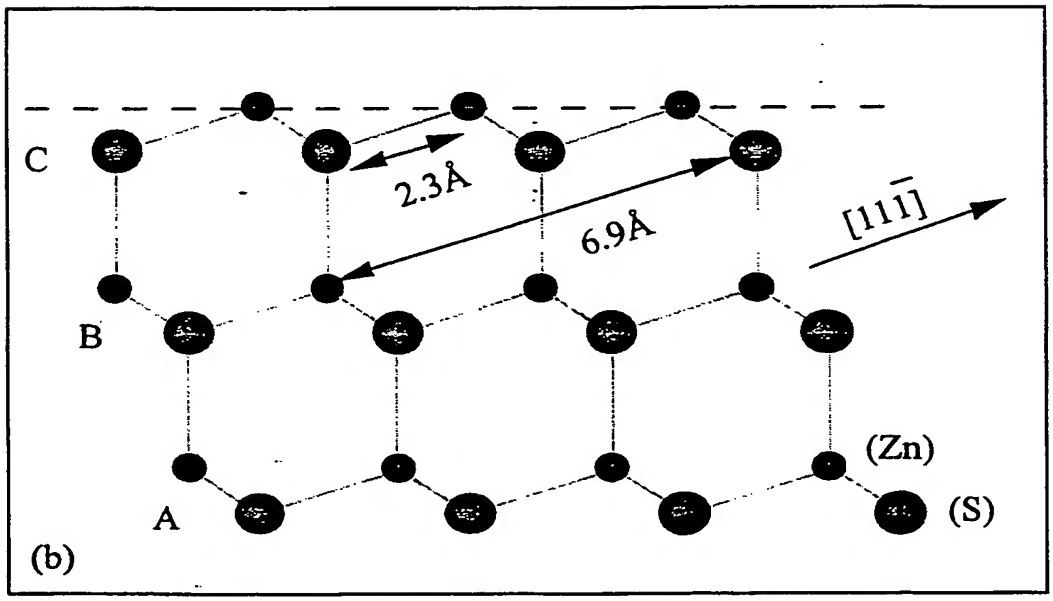

Figure 7

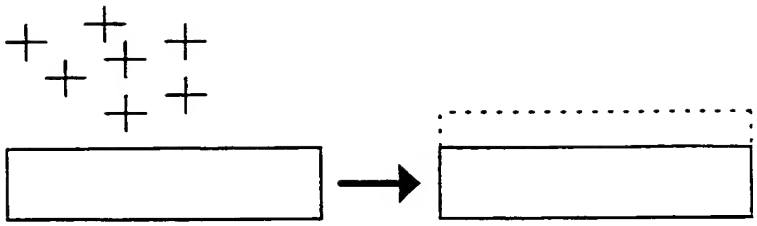

Figure 8

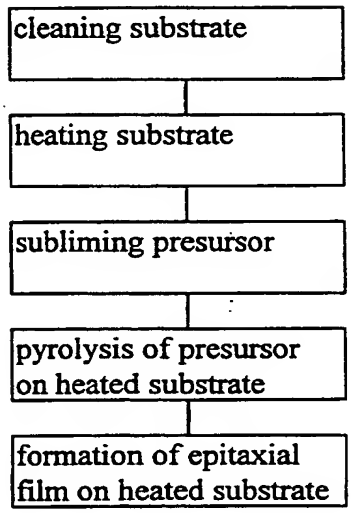

Figure 9

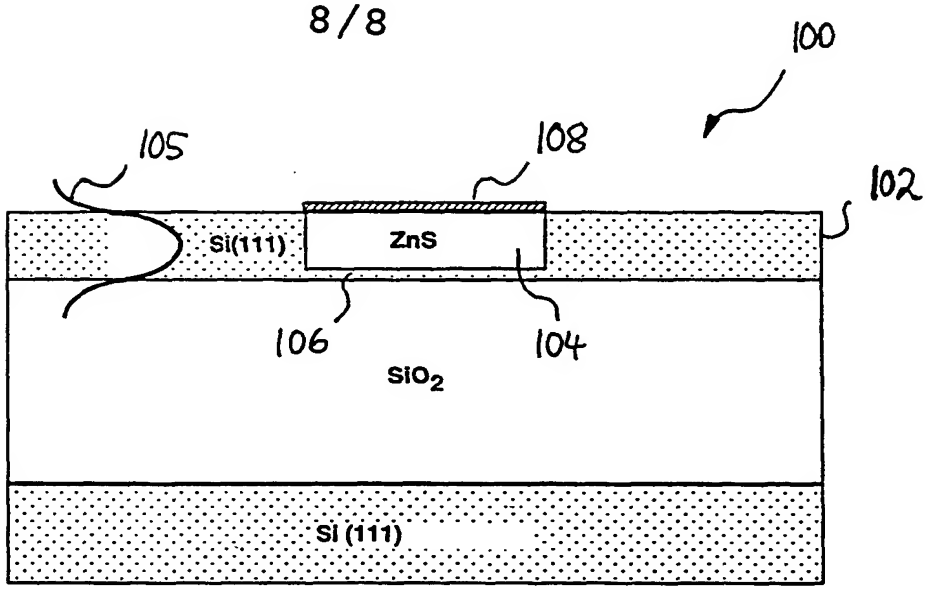

Figure 10

SUBSTITUTE SHEET (RULE 26)